

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As the below named inventor(s), I (we) hereby declare that:

My (Our) residence, post office address and citizenship(s) are as stated below next to my (our) name(s).

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: LOW WORK FUNCTION SURFACE LAYERS PRODUCED BY LASER ABLATION USING SHORT-WAVELENGTH PHOTONS

the specification of which (check one)

X is attached hereto \_\_\_\_\_ was filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I (We) hereby state that I (we) have reviewed and understand the contents of the above-identified specification, including claims, as amended by any amendment referred to above.

I (We) acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I (We) hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial No.	Filing Date	Status
	NONE	

**POWER OF ATTORNEY:** As the named inventor(s), I (we) hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark office connected therewith.

**Names and Registration Nos.**

Henry P. Sartorio L.E. Carnahan	28,535 20,555
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<u>Send Correspondence To:</u> Daryl S. Grzybicki Office of Laboratory Counsel for Patents Lawrence Livermore National Laboratory P.O. Box 808 - L-703 Livermore, California 94551	<u>Direct Telephone Calls To:</u> (Name and Telephone Numbers)  Daryl S. Grzybicki (925) 422-7274
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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

MEHDI BALOOCH	<i>mehdi · Balooch</i>
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Residence (City, State or Foreign Country)	Date
Postal Address (Street, City, State, Zip Code)	Citizenship
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXX
Full Name of Inventor	Signature
Residence (City, State or Foreign Country)	Date
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**SEND CORRESPONDENCE TO:**

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Assistant Laboratory Counsel  
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Alan H. Thompson  
(925) 422-7820

Customer No.:

**The Regents of the University of California**  
(type or print identity of assignee of entire interest)

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**Oakland, CA 94607-5200**

Recorded in PTO on 5/18/98  
Reel 9203  
Frame 0235

Date 1/1/00

  
Signature

**Janet G. Tulk**  
(type or print name of person authorized to  
sign on behalf of assignee)

**Laboratory Counsel**  
Title

NOTE: The assignee of the entire interest may revoke previous powers and be represented by an attorney of his or her selection. 37 C.F.R. § 1.36.

*(check the following item, if it forms a part of this power of attorney)*

Added page—Authorization of attorney(s) to accept and follow instructions from representative.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mehdi Balooch et al. Docket No. : IL-9940

Serial No. : Art Unit :

Filed : Batch No. :

For : Low Work Function  
Surface Layers Produced  
By Laser Ablation Using  
Short-Wavelength  
Photons Examiner :

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS [37 CFR 1.9 (f) and 1.27(d)] - NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

The Regents of the University of California  
300 Lakeside Drive, 22nd Floor  
Oakland, CA 94612-3550

**TYPE OF ORGANIZATION**

University or Other Institution of Higher Education

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled Low Work Function Surface Layers Produced By Laser Ablation Using Short-Wavelength Photons

by inventor(s) Mehdi Balooch/Long N. Dinh/Wigbert J. Siekhaus

described in

the specification filed herewith.

application serial no. \_\_\_\_\_, filed \_\_\_\_\_.

patent no. \_\_\_\_\_, issued \_\_\_\_\_.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention, except for a license to a Federal Agency pursuant to 35 USC 202(c) (4).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

X no such person, concern, or organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

JANET G. TULK  
Laboratory Counsel  
Lawrence Livermore National Laboratory  
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Livermore, CA 94551

Janet G. Tulk

JANET G. TULK

4-26-98

Date

Practitioner's Docket No. IL-9940

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mehdi Balooch et al.

Docket No. : IL-9940

Serial No. : 09/080,109

Art Unit : 1762

Filed : 5/18/98

Examiner : M. Padgett

For : Low Work Function Surface Layers Produced By Laser Ablation Using  
Short-Wavelength Photons

Patent No.\*: Issued:  
 \*Note: Insert name(s) of inventor(s) and title also for patent.

Commissioner for Patents  
 Washington, D.C. 20231

JC941 U.S. Pro  
 09/636134  
  
 08/10/00

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified:

application,  
 patent,

## REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

## NEW POWER OR ATTORNEY

the following attorney(s) and/or agent(s) are hereby appointed to prosecute and  
transact all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

Alan H. Thompson	29,981
L.E. Carnahan	20,555

(check the following item, if applicable)

Attached, as part of this power of attorney, is the authorization of the above-named  
attorney(s) to accept and follow instructions from my representative(s).